Install Intersection Lighting

*Installation of street lamps to illuminate the intersection at night.*

<table>
<thead>
<tr>
<th>Targeted Crash Types</th>
<th>Conditions Addressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Right-angle</td>
<td>▪ History of nighttime crashes.</td>
</tr>
<tr>
<td>▪ Rear-end (major road)</td>
<td>▪ Poor nighttime visibility of the intersection.</td>
</tr>
<tr>
<td>▪ Rear-end (minor road)</td>
<td>▪ Poor nighttime visibility of crossing pedestrians and/or bicyclists.</td>
</tr>
<tr>
<td>▪ Pedestrian</td>
<td></td>
</tr>
<tr>
<td>▪ Bicyclist</td>
<td></td>
</tr>
</tbody>
</table>

**Problems Addressed**

- Inadequate visibility of intersection or intersection traffic control devices
- Vehicle conflicts with non-motorists

**Considerations**

- Remote areas may be isolated from a power source.
- Especially helpful for intersections near parks, churches, schools, hospitals/clinics, and other facilities associated with nighttime activities.
- Provide adequate lighting for crossing pedestrians; wide streets may require lighting on both sides of the crosswalk.
- Consult local policies or legal code statutes on lighting.

**Industry Standard**

*AASHTO Green Book*

- Section 3.6.3: Lighting (General)
- Section 7-52: Lighting (Rural and Urban Arterials)
- Section 9.11.5: Lighting (Intersections)

**Other Resources**

- Reducing Late-Night/Early-Morning Intersection Crashes by Providing Lighting, FHWA
- Lighting and Illumination, PEDSAFE
- Cost Effective Local Road Safety Planning and Implementation, NACE
- Intersection Safety: A Manual for Local Rural Road Owners, FHWA

**Conditions Addressed**

- History of nighttime crashes.
- Poor nighttime visibility of the intersection.
- Poor nighttime visibility of crossing pedestrians and/or bicyclists.